

--36 (New). A method of manufacturing a display device comprising the steps of:

forming a thin film transistor over a substrate;

forming a pixel electrode electrically connected to the thin film transistor;

forming a body with a textured surface on the pixel electrode; and

forming a light reflection film on the body with the textured surface.

2 — 37 (New). A method according to claim 36, wherein the pixel electrode comprises at least one of Al and Ag.

3 — 38 (New). A method according to claim 36, wherein the body with the textured surface comprises at least one material selected from the group consisting of  $\text{SiO}_2$ ,  $\text{MgF}_2$ ,  $\text{Na}_3\text{AlF}_6$ , an acrylic resin, and polyimide.

4 — 39 (New). A method according to claim 36, wherein the body with the textured surface has an uneven portion of  $1\text{ }\mu\text{m}$  or less in height on the surface.

5 — 40 (New). A method according to claim 36, wherein the light reflection film comprises at least one material selected from the group consisting of  $\text{TiO}_2$ ,  $\text{ZrO}_2$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{ZnS}$ ,  $\text{ZnSe}$ ,  $\text{ZnTe}$ ,  $\text{Si}$ ,  $\text{Ge}$ ,  $\text{Y}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ , and Indium Tin Oxide.

6 — 41 (New). A method according to claim 36, wherein the display device is a reflection type liquid crystal display device.

7 — 42 (New). A method according to claim 36, wherein the display device is incorporated in at least one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a head mount display, projector, a personal computer, a goggle type display, a player apparatus, and a digital camera.

43 (New). A method of manufacturing a display device comprising the steps of:  
forming a thin film transistor over a substrate;  
forming a pixel electrode electrically connected to the thin film transistor;  
forming a body with a textured surface on the pixel electrode;  
forming a light reflection film on the body with the textured surface; and  
flattening a surface of the light reflection film by a CMP process.

10 — 44 (New). A method according to claim 43, wherein the pixel electrode comprises at least one of Al and Ag.

11 — 45 (New). A method according to claim 43, wherein the body with the textured surface comprises at least one material selected from the group consisting of SiO<sub>2</sub>, MgF<sub>2</sub>, Na<sub>3</sub>AlF<sub>6</sub>, an acrylic resin, and polyimide.

12 — 46 (New). A method according to claim 43, wherein the body with the textured surface has an uneven portion of 1 μm or less in height on the surface.

47 (New). A method according to claim 43, wherein the light reflection film comprises at least one material selected from the group consisting of  $\text{TiO}_2$ ,  $\text{ZrO}_2$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{ZnS}$ ,  $\text{ZnSe}$ ,  $\text{ZnTe}$ ,  $\text{Si}$ ,  $\text{Ge}$ ,  $\text{Y}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ , and Indium Tin Oxide.

48 (New). A method according to claim 43, wherein the display device is a reflection type liquid crystal display device.

49 (New). A method according to claim 43, wherein the display device is incorporated in at least one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a head mount display, projector, a personal computer, a goggle type display, a player apparatus, and a digital camera.

50 (New). A method of manufacturing a display device comprising the steps of:  
forming a thin film transistor over a substrate;  
forming a pixel electrode electrically connected to the thin film transistor;  
forming a body with a textured surface on the pixel electrode; and  
forming a light reflection film on the body with the textured surface,  
wherein the light reflection film has a higher refractive index than the body with the textured surface.

51 (New). A method according to claim 50, wherein the pixel electrode comprises at least one of  $\text{Al}$  and  $\text{Ag}$ .

19 — 52 (New). A method according to claim 50, wherein the body with the textured surface comprises at least one material selected from the group consisting of  $\text{SiO}_2$ ,  $\text{MgF}_2$ ,  $\text{Na}_3\text{AlF}_6$ , an acrylic resin, and polyimide.

B1 20 — 53 (New). A method according to claim 50, wherein the body with the textured surface has an uneven portion of  $1\text{ }\mu\text{m}$  or less in height on the surface.

21 — 54 (New). A method according to claim 50, wherein the light reflection film comprises at least one material selected from the group consisting of  $\text{TiO}_2$ ,  $\text{ZrO}_2$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{ZnS}$ ,  $\text{ZnSe}$ ,  $\text{ZnTe}$ ,  $\text{Si}$ ,  $\text{Ge}$ ,  $\text{Y}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ , and Indium Tin Oxide.

22 — 55 (New). A method according to claim 50, wherein the display device is a reflection type liquid crystal display device.

23 — 56 (New). A method according to claim 50, wherein the display device is incorporated in at least one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a head mount display, projector, a personal computer, a goggle type display, a player apparatus, and a digital camera.

Sub C3 — 57 (New). A method of manufacturing a display device comprising the steps of:  
forming an insulated gate field effect transistor on a semiconductor substrate;  
forming a pixel electrode electrically connected to the insulated gate field effect transistor;

forming a body with a textured surface on the pixel electrode; and  
forming a light reflection film on the body with the textured surface.

26 — 58 (New). A method according to claim 57, wherein the pixel electrode comprises at least one of Al and Ag.

27 — 59 (New). A method according to claim 57, wherein the body with the textured surface comprises at least one material selected from the group consisting of SiO<sub>2</sub>, MgF<sub>2</sub>, Na<sub>3</sub>AlF<sub>6</sub>, an acrylic resin, and polyimide.

28 — 60 (New). A method according to claim 57, wherein the body with the textured surface has an uneven portion of 1 μm or less in height on the surface.

29 — 61 (New). A method according to claim 57, wherein the light reflection film comprises at least one material selected from the group consisting of TiO<sub>2</sub>, ZrO<sub>2</sub>, Ta<sub>2</sub>O<sub>5</sub>, ZnS, ZnSe, ZnTe, Si, Ge, Y<sub>2</sub>O<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub>, and Indium Tin Oxide.

30 — 62 (New). A method according to claim 57, wherein the display device is a reflection type liquid crystal display device.

31 — 63 (New). A method according to claim 57, wherein the display device is incorporated in at least one selected from the group consisting of a portable telephone, a video camera, a mobile

computer, a head mount display, projector, a personal computer, a goggle type display, a player apparatus, and a digital camera.

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64 (New). A method of manufacturing a display device comprising the steps of:

forming an insulated gate field effect transistor on a semiconductor substrate;  
forming a pixel electrode electrically connected to the insulated gate field effect transistor;  
forming a body with a textured surface on the pixel electrode;  
forming a light reflection film on the body with the textured surface; and  
flattening a surface of the light reflection film by a CMP process.

34 — 65 (New). A method according to claim 64, wherein the pixel electrode comprises at least one of Al and Ag.

35 — 66 (New). A method according to claim 64, wherein the body with the textured surface comprises at least one material selected from the group consisting of SiO<sub>2</sub>, MgF<sub>2</sub>, Na<sub>3</sub>AlF<sub>6</sub>, an acrylic resin, and polyimide.

36 — 67 (New). A method according to claim 64, wherein the body with the textured surface has an uneven portion of 1 μm or less in height on the surface.

37 — 68 (New). A method according to claim 64, wherein the light reflection film comprises at least one material selected from the group consisting of  $\text{TiO}_2$ ,  $\text{ZrO}_2$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{ZnS}$ ,  $\text{ZnSe}$ ,  $\text{ZnTe}$ ,  $\text{Si}$ ,  $\text{Ge}$ ,  $\text{Y}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ , and Indium Tin Oxide.

B1 38 — 69 (New). A method according to claim 64, wherein the display device is a reflection type liquid crystal display device.

39 — 70 (New). A method according to claim 64, wherein the display device is incorporated in at least one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a head mount display, projector, a personal computer, a goggle type display, a player apparatus, and a digital camera.

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71 (New). A method of manufacturing a display device comprising the steps of:  
forming an insulated gate field effect transistor on a semiconductor substrate;  
forming a pixel electrode electrically connected to the insulated gate field effect transistor;  
forming a body with a textured surface on the pixel electrode; and  
forming a light reflection film on the body with the textured surface,  
wherein the light reflection film has a higher refractive index than the body with the textured surface.

42 — 72 (New). A method according to claim 71, wherein the pixel electrode comprises at least one of  $\text{Al}$  and  $\text{Ag}$ .

43 - 73 (New). A method according to claim 71, wherein the body with the textured surface comprises at least one material selected from the group consisting of  $\text{SiO}_2$ ,  $\text{MgF}_2$ ,  $\text{Na}_3\text{AlF}_6$ , an acrylic resin, and polyimide.

44 - 74 (New). A method according to claim 71, wherein the body with the textured surface has an uneven portion of  $1\text{ }\mu\text{m}$  or less in height on the surface.

45 - 75 (New). A method according to claim 71, wherein the light reflection film comprises at least one material selected from the group consisting of  $\text{TiO}_2$ ,  $\text{ZrO}_2$ ,  $\text{Ta}_2\text{O}_5$ ,  $\text{ZnS}$ ,  $\text{ZnSe}$ ,  $\text{ZnTe}$ ,  $\text{Si}$ ,  $\text{Ge}$ ,  $\text{Y}_2\text{O}_3$ ,  $\text{Al}_2\text{O}_3$ , and Indium Tin Oxide.

46 - 76 (New). A method according to claim 71, wherein the display device is a reflection type liquid crystal display device.

47 - 77 (New). A method according to claim 71, wherein the display device is incorporated in at least one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a head mount display, projector, a personal computer, a goggle type display, a player apparatus, and a digital camera.--